

**Rhode Island Precipitation**  
**National Weather Service Boston/Norton, MA**  
Preliminary Precipitation Data (inches) by Drought Region  
Past 12 to 36 months ending September 2020  
*Includes CoCoRaHS Data*

<b>RI 1 month September 2020</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	1.25	-2.84	31	4.09
Northeast	1.09	-2.85	28	3.94
Central West	1.07	-2.91	27	3.98
Central East	1.28	-2.64	33	3.92
Eastern	1.04	-2.69	28	3.73
Southern	1.08	-3.14	26	4.22
New Shoreham	1.98	-2.24	47	4.22

<b>RI 2 month Aug-Sep 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	3.61	-4.81	43	8.42
Northeast	3.09	-4.98	38	8.07
Central West	3.11	-4.89	39	8.00
Central East	2.92	-4.60	39	7.52
Eastern	2.66	-4.87	35	7.53
Southern	2.51	-6.07	29	8.58
New Shoreham	4.95	-3.63	58	8.58

<b>RI 3 month Jul-Sep 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	5.11	-7.13	42	12.24
Northeast	5.18	-6.70	44	11.88
Central West	5.22	-6.42	45	11.64
Central East	4.80	-6.01	44	10.81
Eastern	3.95	-6.37	38	10.32
Southern	4.44	-7.80	36	12.24
New Shoreham	5.60	-6.64	46	12.24

<b>RI 6 month Apr-Sep 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	18.54	-6.90	73	25.44
Northeast	18.11	-6.49	74	24.60
Central West	16.69	-7.44	69	24.13
Central East	16.25	-6.11	73	22.36
Eastern	13.37	-9.29	59	22.66
Southern	15.69	-9.82	62	25.51
New Shoreham	14.54	-10.97	57	25.51

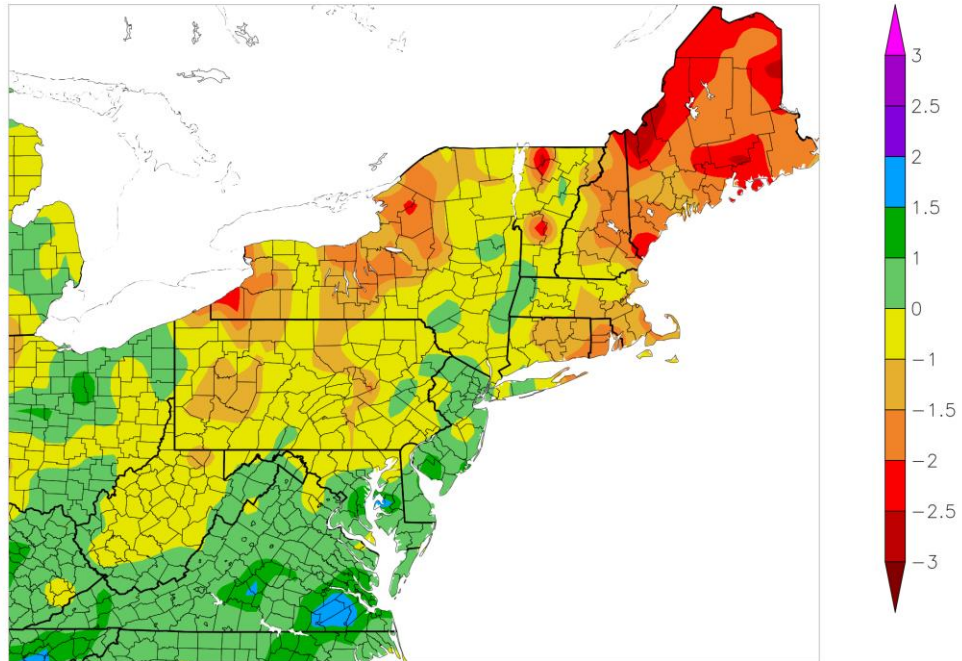
<b>RI 12 month Oct 19-Sep 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	46.05	-7.66	86	53.70
Northeast	44.13	-7.29	86	51.42
Central West	46.27	-4.51	91	50.77
Central East	42.63	-4.55	90	47.18
Eastern	40.47	-8.07	83	48.54
Southern	45.27	-7.60	86	52.87
New Shoreham	41.27	-11.60	78	52.87

<b>RI 24 month Oct 18-Sep 20</b>	Rainfall	Departure	Percent	Normal
Northwest	111.41	4.01	104	107.40
Northeast	105.61	2.77	103	102.84
Central West	110.68	9.14	109	101.54
Central East	102.73	8.37	109	94.36
Eastern	98.53	1.45	101	97.08
Southern	111.73	5.99	106	105.74
New Shoreham	100.45	-5.29	95	105.74

<b>RI 36 month Oct 17-Sep 20</b>	Rainfall	Departure	Percent	Normal
Northwest	175.07	13.97	109	161.10
Northeast	164.09	9.83	106	154.26
Central West	172.38	20.07	113	152.31
Central East	159.02	17.48	112	141.54
Eastern	149.51	3.89	103	145.62
Southern	165.98	7.37	105	158.61
New Shoreham	148.94	-9.67	94	158.61

<b>RI 4 month Jun- Sep 20</b>	Rainfall	Departure	Percent	Normal
Northwest	8.75	-8.07	52	16.82
Northeast	8.62	-7.47	54	16.09
Central West	6.66	-9.12	42	15.78
Central East	7.27	-7.18	50	14.45
Eastern	5.84	-8.36	41	14.20
Southern	7.04	-9.48	43	16.52
New Shoreham	8.02	-8.50	49	16.52

Monthly SPI  
9/1/2020 – 9/30/2020

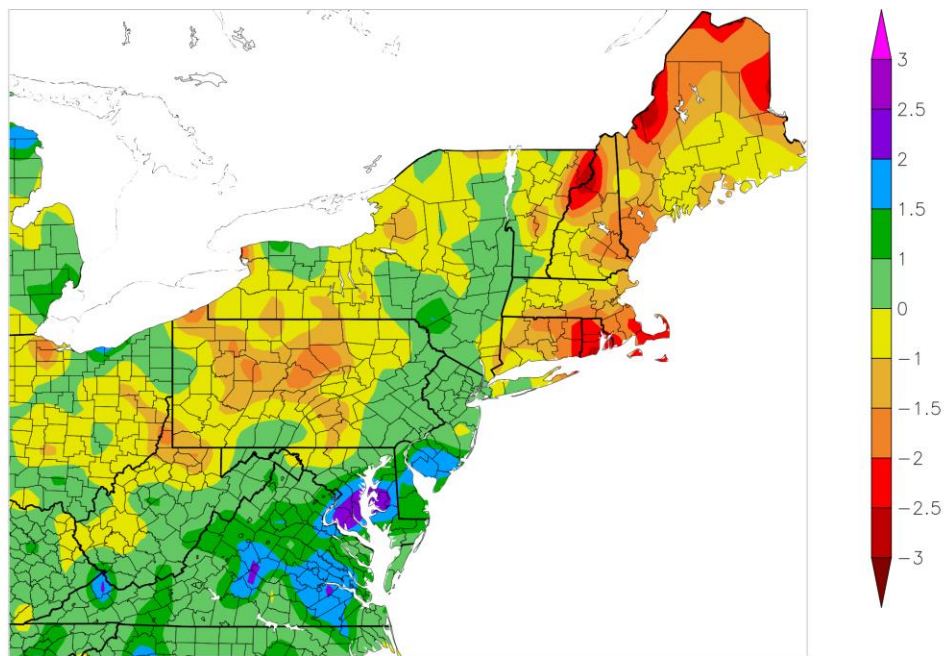


Generated 10/6/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. September 2020 SPI. From the NOAA Regional Climate Centers.

3-Month SPI  
7/1/2020 – 9/30/2020

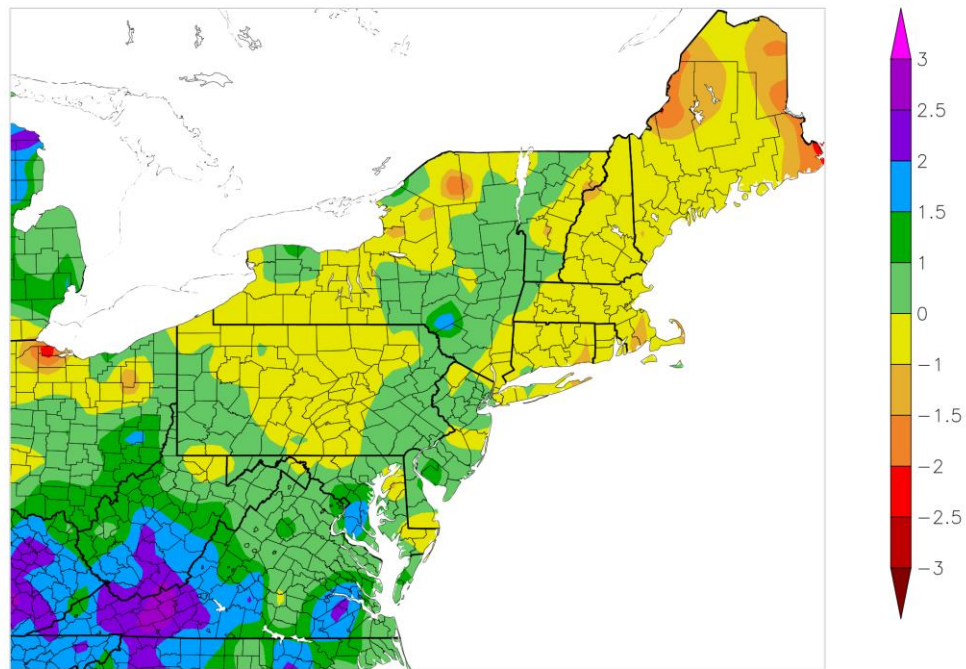


Generated 10/6/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 2. Three-Month SPI ending September 2020. From the NOAA Regional Climate Centers.

# 12-Month SPI 10/1/2019 – 9/30/2020

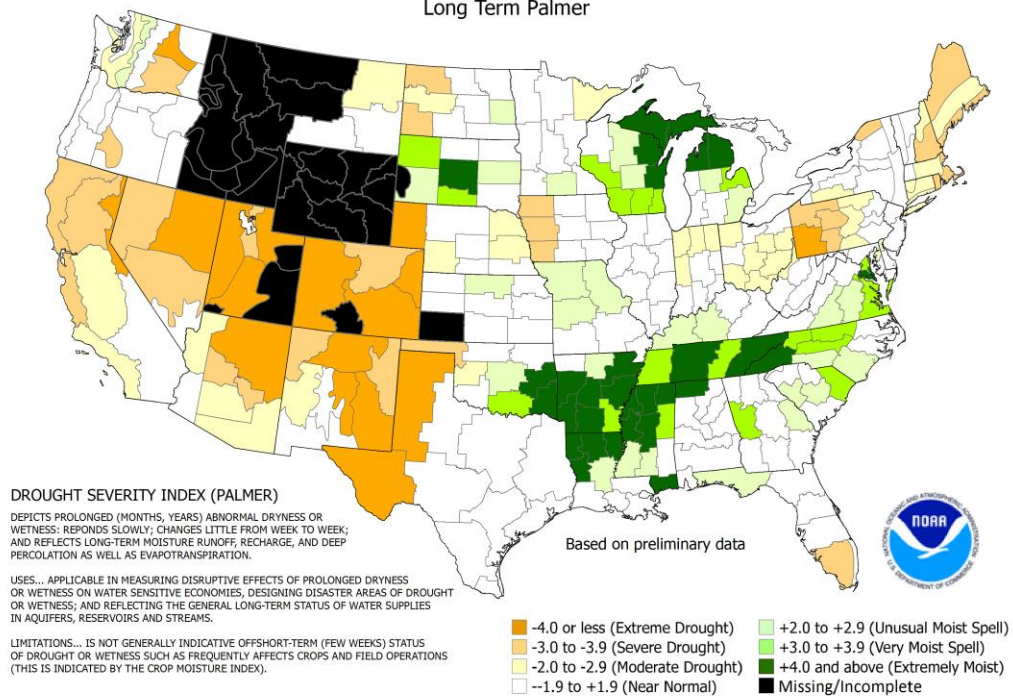


Generated 10/6/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 3. Twelve month SPI ending September 2020. From the NOAA Regional Climate Centers.

## Drought Severity Index by Division Weekly Value for Period Ending Oct 03, 2020 Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 10/3/20.  
**RI Palmer is in the Severe Drought range, -3.43**

**U.S. Drought Monitor**  
**Rhode Island**

**September 29, 2020**  
(Released Thursday, Oct. 1, 2020)  
Valid 8 a.m. EDT



**Intensity:**

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

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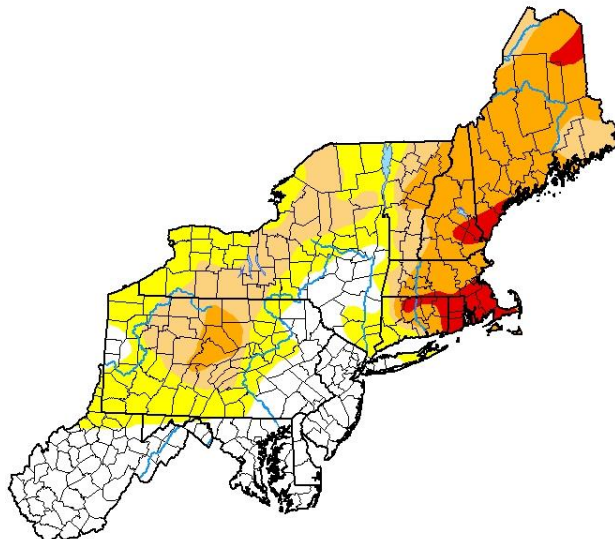


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

Map 5. US Drought Monitor for Rhode Island. valid 9/29/2020.

**U.S. Drought Monitor**  
**Northeast**

**September 29, 2020**  
(Released Thursday, Oct. 1, 2020)  
Valid 8 a.m. EDT



**Intensity:**

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

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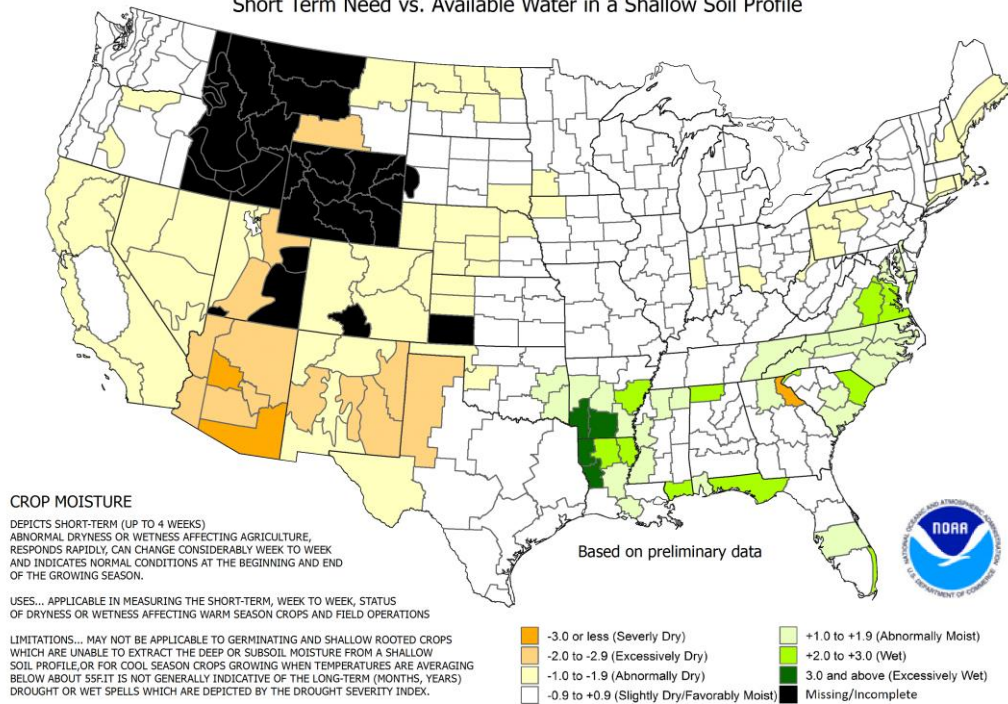
Brad Rippey  
U. S. Department of Agriculture



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

Map 6. US Drought Monitor for the Northeast US, valid 9/29/2020.

Crop Moisture Index by Division  
Weekly Value for Period Ending Oct 03, 2020  
Short Term Need vs. Available Water in a Shallow Soil Profile



Map 7. Crop Moisture Index from the Climate Prediction Center, NOAA, dated 10/3/20.  
RI CMI is in the Abnormally Dry range, -1.81.